

CONOCO "7" STATE #2
Recompletion Prognosis

E Millman Field
Sec 7, Twp 19S, Rng 29E
Eddy County, New Mexico

1. MIRU Pulling Unit, pull rods and pump, install BOP, pull tbg
2. RU Wireline, Perf Queen Sand 1806'-1812' w/ 2JSPF w/3-1/8" csg gun
3. RIH w/4-1/2" C-1 Plug, Model H retrieving Head, 4-1/2" FBRC, unloader, & tbg. Set C-1 Plug @ 1845', pull up 5' and set FBRC. Load backside w/2% KCl, pressure up tbg and test C-1 plug and tbg to 3000# Unseat FBRC and dump 1 sx sand on plug. Reset FBRC @ 1790'.
4. RU Western. Pressure csg annulus to 1000# and acidize perfs w/1000 gals 15% HCl w/25 ball sealers.(see attached recommendation)
5. Flow back and swab test well, if decision to pump test go to step 8, if decision to abandon go to step 12, if decision to frac go to step 6.
6. Frac w/12,000 gallons gel + 25,000# 12/20 sand per the attached recommendation
7. Flow back and swab test well, if decision to put on pump test go to 8, if decision to abandon go to 12
8. Release FBRC, POH w/tbg and FBRC
9. RIH w/mud anchor, perf nipple, seating nipple and tbg, land tbg @ 1800'
10. RIH w/rods and pump, load tbg, hang well on, start pumping
11. RD pulling unit, release rig.

Steps 12-22 only if Queen is non-commercial

12. RU Western, pressure csg annulus to 1000#, sqz perfs 1806-12 w/75 sx, release FBRC and circ hole clean, pull 5 stands, reset FBRC and pressure tbg to 1000#, SDFD
13. Release FBRC and TOH w/FBRC and tbg
14. RIH w/bit,scraper, DC and tbg, RU reverse unit and drill out cmt and circ hole clean to C-1 plug @ 1845
15. POH w/bit, scraper, DC and tbg
16. RU Western and pressure up csg to 1000# and hold for 15 mins
17. RIH w/retrieving head and tbg and POH w/c-1 plug and tbg
18. RIH w/ mud anchor, perf nipple, seating nipple and tbg, land tbg @ .
19. RIH w/ rods and pump, load tbg, hang well on, start pumping
20. RD pulling unit, release rig